

# MATERIAL SAFETY DATA SHEET



SCM CORPORATION

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## SECTION I

CODE IDENTIFICATION 23975 DATE PRINTED 04/17/86  
PRODUCT IDENTIFICATION STEAM DISTILLED WOOD TURPENTINE

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	WEIGHT PERCENT	THRESHOLD LIMIT VALUE	LEL	VAPOR PRESS.
WOOD TURPENTINE	100	100 PPM	.8	
CAS NO. -	8005-64-2			

THE THRESHOLD LIMIT VALUE (TLV) IS THE TIME WEIGHTED AVERAGE (TWA) TO WHICH IT IS BELIEVED THAT MOST WORKERS MAY BE EXPOSED 8-10 HOURS PER DAY, 40 HOURS PER WEEK WITHOUT ADVERSE HEALTH EFFECTS.

LEL - THE LOWER EXPLOSIVE LIMIT IS THE LOWEST CONCENTRATION (% OF VOLATILES IN AIR) THAT WILL PRODUCE A FLASH OF FIRE WHEN AN IGNITION SOURCE IS PRESENT.

## SECTION III - PHYSICAL DATA

BOILING RANGE 311 - 338 F WEIGHT PER GALLON 7.22  
% VOLATILE BY VOLUME 100.00

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SETA) 91 F LOWER EXPLOSIVE LIMIT .8

DOT (PSN) TURPENTINE

HAZARD CLASS FLAMMABLE LIQUID

EXTINGUISHING MEDIA

DRY CHEMICAL OR FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE.

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

### UNUSUAL FIRE AND EXPLOSION HAZARDS

VAPORS MAY IGNITE EXPLOSIVELY AT AMBIENT TEMPERATURES.  
VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL LONG DISTANCES  
TO A SOURCE OF IGNITION AND FLASH BACK.  
MAY DECOMPOSE UNDER FIRE CONDITIONS EMITTING IRRITANT AND/OR  
TOXIC GASES.

### SPECIAL FIRE FIGHTING PROCEDURES

WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.

## SECTION V - HEALTH HAZARD DATA

### ROUTE OF ENTRY

INHALATION  
SKIN  
EYES  
INGESTION

### EFFECTS OF OVEREXPOSURE

IRRITATION OF EYES, SKIN. PROLONGED INHALATION MAY LEAD TO  
DIZZINESS AND/OR LIGHTEADEDNESS, HEADACHE. PROLONGED OR  
REPEATED CONTACT CAN CAUSE DERMATITIS. POSSIBLE KIDNEY  
DAMAGE. CONTACT WITH CONTAMINATED CLOTHING MAY CAUSE SKIN  
BURNS.

NOTICE - REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED  
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN  
AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY  
DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE  
HARMFUL OR FATAL.

### EMERGENCY AND FIRST AID PROCEDURES

#### INHALATION

MOVE PERSON TO WELL VENTILATED AREA.  
GET EMERGENCY MEDICAL ATTENTION.  
ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION IF NECESSARY.

#### SKIN CONTACT

FLUSH FROM SKIN WITH WATER, THEN WASH THOROUGHLY WITH SOAP  
AND WATER.  
REMOVE CONTAMINATED CLOTHING.  
WASH CONTAMINATED CLOTHING BEFORE RE-USE.  
DISPOSE OF CONTAMINATED LEATHER ITEMS, SUCH AS SHOES AND  
BELTS.

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## SECTION V - HEALTH HAZARD DATA

EYE CONTACT FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET EMERGENCY MEDICAL ATTENTION.

INGESTION GET EMERGENCY MEDICAL ATTENTION.

## SECTION VI - REACTIVITY DATA

STABILITY STABLE

INCOMPATIBILITY OXIDIZERS  
ACIDS  
ALUMINUM CHLORIDE  
BORON TRIFLUORIDE

CONDITIONS TO AVOID

\*\*\* NOT DETERMINED \*\*\*

HAZARDOUS DECOMPOSITION PRODUCTS

CARBON MONOXIDE  
CARBON DIOXIDE

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL SOURCES OF IGNITION.  
VENTILATE AREA WITH EXPLOSION-PROOF EQUIPMENT.  
SMALL SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS.  
USE NON-SPARKING TOOLS.  
EVACUATE ALL UNNECESSARY PERSONNEL.  
LARGE SPILLS - OBSERVE STEPS FOR SMALL SPILLS. SHUT OFF  
LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO  
STORAGE OR SALVAGE VESSELS. USE ABSORBENT TO PICK UP EXCESS  
RESIDUE. KEEP SALVAGE MATERIAL AND RINSE WATER OUT OF SEWERS  
OR WATER COURSES. COMPLY WITH ALL APPLICABLE REGULATIONS FOR  
HEALTH AND POLLUTION CONTROL.

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## SECTION VII - SPILL OR LEAK PROCEDURES

### WASTE DISPOSAL

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.  
AVOID DISCHARGE TO NATURAL WATERS.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE STANDARDS. WHERE RESPIRATORY PROTECTION IS REQUIRED, USE ONLY NIOSH/MSHA APPROVED RESPIRATORS IN ACCORDANCE WITH OSHA STANDARD 29 CFR 1910.134.

### VENTILATION

PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS.  
USE EXPLOSION-PROOF EQUIPMENT.  
USE NON-SPARKING EQUIPMENT.

### PERSONAL PROTECTIVE EQUIPMENT

EYE WASH  
SAFETY SHOWER  
SAFETY GLASSES OR GOGGLES

## SECTION IX - SPECIAL PRECAUTIONS

### HANDLING AND STORAGE

STORE BELOW 80 F.  
KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.

### OTHER PRECAUTIONS

USE ONLY WITH ADEQUATE VENTILATION.  
DO NOT TAKE INTERNALLY.  
KEEP OUT OF REACH OF CHILDREN.  
AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF VAPORS.  
WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING.  
KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.  
EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES.